FULL MISSION SIMULATOR (FMS)

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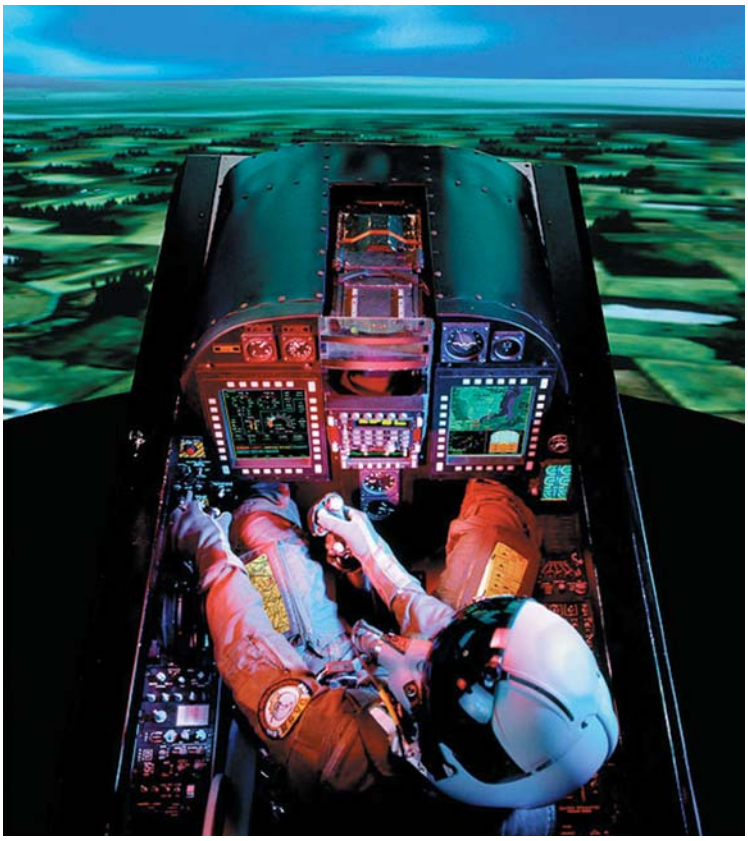
Elbit Systems' Full Mission Simulator is an advanced training device for all aspects of aircrew training, including mission preparation, training and debriefing.
The FMS uses a combination of commercial components and real aircraft avionics resulting in a realistic cockpit with simple operation and maintenance.

The FMS comprises the following subsystems:

- Hi-fidelity cockpit including pilots' avionics interfaces and control loading devices for stick and pedals
- Various "out-the-window" options: simple monitor, multiple flat screen display, partial and full domes
- High quality audio system simulating both external sounds and cockpit avionics audio
- Instructur Operator Station (IOS) with all tools necessary for all aspects of flight training
- Advanced Tactical Scenario Generator
- After Action Review Station for mission debrief

Key Features

- Maximum use of commercial components
- Sophisticated IOS based on commercial PCs and Windows Graphical User Interface
- High end visual and control loading systems
- Actual avionics, enabling easy upgrade if aircraft configuration is changed



Major Advantages

- Use of actual avionics increases simulation fidelity while enabling simple upgrade of Operation Flight Programs (OFP)
- Intuitive operation by single instructor due to advanced IOS